

APPLICATION FOR UNITED STATES PATENT  
DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name; that

I verily believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural inventors are named below) of the subject matter which is claimed and for which a patent is sought on the invention entitled: A THIN FILM-STRUCTURE AND A METHOD FOR PRODUCING THE SAME

described and claimed in the specification:

Check one

\*a. ☒ attached hereto

b. ☐ filed on \_\_\_\_\_ as Application No. \_\_\_\_\_ and amended on \_\_\_\_\_ (if applicable).

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose to the Office all information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, §1.56.

Under Title 35, U.S. Code §119, the priority benefits of the following foreign application(s) and/or United States provisional application(s) filed within one year prior to this application are hereby claimed:

Japanese Patent Application No. 11-126,680 filed May 7, 1999

The following application(s) for patent or inventor's certificate on this invention were filed in countries foreign to the United States of America either (a) more than one year prior to this application, or (b) before the filing date of the above-named foreign priority application(s) and/or United States provisional application(s):

I hereby appoint the following as my attorneys of record with full power of substitution and revocation to prosecute this application and to transact all business in the Patent Office:

James A. Oliff, Reg. No. 27,075; William P. Berridge, Reg. No. 30,024;  
Kirk M. Hudson, Reg. No. 27,562; Thomas J. Pardini, Reg. No. 30,411;  
Edward P. Walker, Reg. No. 31,450; Robert A. Miller, Reg. No. 32,771;  
Mario A. Costantino, Reg. No. 33,565; and Caroline D. Dennison, Reg. No. 34,494.

ALL CORRESPONDENCE IN CONNECTION WITH THIS APPLICATION SHOULD BE SENT TO OLIFF & BERRIDGE, PLC, P.O. BOX 19928, ALEXANDRIA, VIRGINIA 22320, TELEPHONE (703) 836-6400.

I hereby declare that I have reviewed and understand the contents of this Declaration, and that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

1	Typewritten Full Name of First or Sole Inventor	Akira SHIMOKOHBE		
2	**Inventor's Signature:	Given Name	Middle Initial	Family Name
3	**Date of Signature:	March 6, 2000		
	Residence:	Month	Day	Year
		Machida City, Tokyo, Japan		
	Citizenship:	City	State or Province	Country
		Japanese		
	Post Office Address: (Insert complete mailing address, including country)	24-7, Tsukushino 2-Chome, Machida City, Tokyo, Japan		

\*If Box (a.) is checked, this form may be executed only when attached to the specification (including claims).

\*\*Note to Inventor: Please sign name exactly as it appears above and insert actual date of signing.

IF THERE IS MORE THAN ONE INVENTOR USE PAGE 2 AND PLACE AN "X" HERE ☒

AGE 2 OF U.S.A. DECLARATION FOR  
(Discard this page in a sole inventor application)

⑤ 米国内産品 2ページ目  
11-126680 (99125)

1 **Typewritten Full Name**  
**of Second Joint Inventor (if any)**

Seiichi HATA

Given Name Middle Initial Family Name

2 **\*\*Inventor's Signature:**

Seiichi Hata

3 **\*\*Date of Signature:**

March 6, 2000

Residence:

Month Day Year  
Machida City, Tokyo, Japan

Citizenship:

City State or Province Country  
Japanese

Post Office Address:  
(Insert complete  
mailing address,  
including country)

20-303, Popuragaoka Coop, 32-3, Narusedai 2-Chome,  
Machida City, Tokyo, Japan

1 **Typewritten Full Name**  
**of Third Joint Inventor (if any)**

Given Name Middle Initial Family Name

2 **\*\*Inventor's Signature:**

3 **\*\*Date of Signature:**

Month Day Year

Residence:

City State or Province Country

Citizenship:

Post Office Address:  
(Insert complete  
mailing address,  
including country)

**Typewritten Full Name**  
**of Fourth Joint Inventor (if any)**

Given Name Middle Initial Family Name

**\*\*Inventor's Signature:**

**\*\*Date of Signature:**

Month Day Year

Residence:

City State or Province Country

Citizenship:

Post Office Address:  
(Insert complete  
mailing address,  
including country)

1 **Typewritten Full Name**  
**of Fifth Joint Inventor (if any)**

Given Name Middle Initial Family Name

2 **\*\*Inventor's Signature:**

3 **\*\*Date of Signature:**

Month Day Year

Residence:

City State or Province Country

Citizenship:

Post Office Address:

(Insert complete  
mailing address,  
including country)

**\*\*Note to Inventors: Please sign name exactly as it appears and insert the actual date of signing.**

**This form may be executed only when attached to the first page of the Declaration and Power of Attorney form of the application to which it pertains.**

再 米国に於いて特許優遇  
措置を受けるもの  
宣誓書 11-126680  
(99.12.5)

Applicant or Patentee: Akira SHIMOKOHBE, et al Attorney's  
Serial or Patent No.: \_\_\_\_\_ Docket No.: 106096  
Filed or Issued: April 25, 2000  
For: A THIN FILM-STRUCTURE AND A METHOD FOR PRODUCING THE SAME

VERIFIED STATEMENT (DECLARATION) CLAIMING SMALL ENTITY STATUS  
(37 CFR 1.9(f) and 1.27(d)) - NONPROFIT ORGANIZATION

I hereby declare that I am an official empowered to act on behalf of the nonprofit organization identified below:

NAME OF ORGANIZATION TOKYO INSTITUTE OF TECHNOLOGY  
ADDRESS OF ORGANIZATION 12-1, Ohokayama 2-Chome, Meguro-Ku, Tokyo, Japan

TYPE OF ORGANIZATION

- ☒ UNIVERSITY OR OTHER INSTITUTION OF HIGHER EDUCATION  
☐ TAX EXEMPT UNDER INTERNAL REVENUE SERVICE CODE (26 USC 501(a) AND 501(c)(3))  
☐ NONPROFIT SCIENTIFIC OR EDUCATIONAL UNDER STATUTE OF STATE OF THE UNITED STATES OF AMERICA  
(NAME OF STATE \_\_\_\_\_)  
(CITATION OF STATUTE \_\_\_\_\_)  
☐ WOULD QUALIFY AS TAX EXEMPT UNDER INTERNAL REVENUE SERVICE CODE (26 USC 501(a) AND 501(c)(3)) IF LOCATED IN THE UNITED STATES OF AMERICA  
☐ WOULD QUALIFY AS NONPROFIT, SCIENTIFIC OR EDUCATIONAL UNDER STATUTE OF STATE OF THE UNITED STATES OF AMERICA IF LOCATED IN THE UNITED STATES OF AMERICA  
(NAME OF STATE \_\_\_\_\_)  
(CITATION OF STATUTE \_\_\_\_\_)

I hereby declare that the nonprofit organization identified above qualifies as a nonprofit organization as defined in 37 CFR 1.9(e) for purposes of paying reduced fees under section 41(a) and (b) of Title 35, United States Code with regard to the invention entitled

A THIN FILM-STRUCTURE AND A METHOD FOR PRODUCING THE SAME  
by inventor(s) Akira SHIMOKOHBE and Seichi HATA  
described in  
☒ the specification filed herewith  
☐ application serial no. \_\_\_\_\_, filed \_\_\_\_\_  
☐ patent no. \_\_\_\_\_, issued \_\_\_\_\_

I hereby declare that rights under contract or law have been conveyed to and remain with the nonprofit organization with regard to the above-identified invention.

If the rights held by the nonprofit organization are not exclusive, each individual, concern or organization having rights to the invention is listed below\* and no rights to the invention are held by any person, other than the inventor, who could not qualify as a small business concern under 37 CFR 1.9(c) or by any concern which would not qualify as a small business concern under 37 CFR 1.9(d) or a nonprofit organization under 37 CFR 1.9(e). \*NOTE: Separate verified statements are required from each named person, concern or organization having rights to the invention averring to the status as small entities. (37 CFR 1.27)

NAME \_\_\_\_\_  
ADDRESS \_\_\_\_\_  
☐ INDIVIDUAL ☐ SMALL BUSINESS CONCERN ☐ NONPROFIT ORGANIZATION

NAME \_\_\_\_\_  
ADDRESS \_\_\_\_\_  
☐ INDIVIDUAL ☐ SMALL BUSINESS CONCERN ☐ NONPROFIT ORGANIZATION

I acknowledge the duty to file, in this application or patent, notification of any change in status resulting in loss of entitlement to small entity status prior to paying, or at the time of paying, the earliest of the issue fee or any maintenance fee due after the date on which status as a small entity is no longer appropriate. (37 CFR 1.28(b))

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application, any patent issuing thereon, or any patent to which this verified statement is directed.

NAME OF PERSON SIGNING Yoshiyuki NAITO  
TITLE IN ORGANIZATION President  
ADDRESS OF PERSON SIGNING 12-1, Ohokayama 2-Chome, Meguro-Ku, Tokyo, Japan  
SIGNATURE *Yoshiyuki Naito* DATE March 6, 2000